GEM-SOL® | HP32 (GEM-HP)

High Pressure 1/4"-1" | 2 Way NC, NO

Technical Data

Function	2 Way NC, NO
Ports size	1/4", 1/2", 3/4", 1" BSP & NPT
Pressure range	See table
Kv (l/min)	See table
Temperature range	**Fluid :** -10°C to 80°C (no freezing) **Ambient :** -10°C to 50°C
Materials in contact with media	**Main Valve:** Brass, Stainless Steel AISI 316 **Solenoid Operator:** Stainless Steel AISI 300 & 400 series **Seals:** Polyurethane, FKM*, EPDM*, PTFE * The orifice seal is PTFE
Coil voltage	• Voltage and power consumption - see table • All Baccara coil voltages are ± 10% of nominal
Standard protection class	IP65 with connector * Option : IP68 (please refer to GEM-BP Coil)

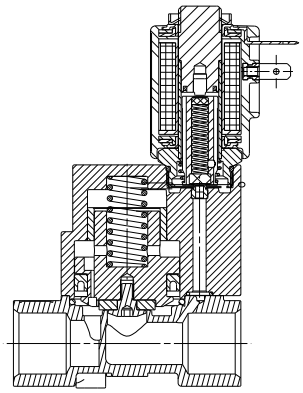
• Latch valves are available upon request

Brass | 1/2"

Stainless Steel | 1/2"

Pressure (bar) & Flow NC

Size	Orifice (mm)	Pressure (bar)	Kv(l/min)
1/4"	8	1 to 60	12
1/2"	12		35
3/4"	20		130
1"	25		200



Flow direction →

Pressure (bar) & Flow NO

Size	Orifice (mm)	Pressure (bar)	Kv(l/min)
1/4"	8	1 to 30	12
1/2"	12		35
3/4"	20		130
1"	25		200

Voltage & Power Consumption

	AC (W)						DC (W)		
	50 Hz			60 Hz					
V	8	5.5	2.5	8	5.5	2.5	10	5.5	3.5
6							•		
12	•			•			•		
24	•			•			•		
48	•			•			•		
110	•			•			•		
120	•			•					
220	•			•			•		
230	•			•					
240	•			•			•		

• Available options

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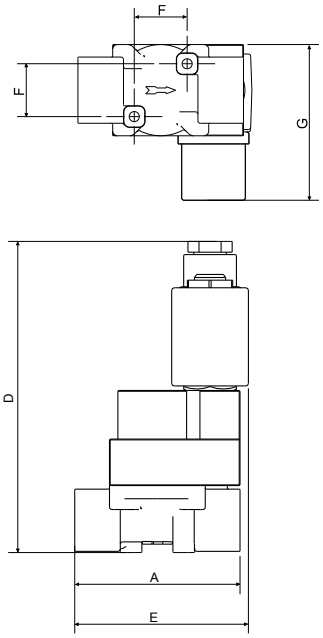
Dimensions



Size	A	B	C	D	E	F	G
1/4"	58	32	10.5	118	91.5	22	58.9
1/2"	69	38	13	130	102.5	22	64.9
3/4"	90	55	17	140	-	-	73.1
1"	100	65	21	151	-	-	78.1

How to Order

*** When ordering without coil, please define what current and pressure rating is needed (DC, AC)**

GEM-HP	-	BODY		PORT		FUNCTION		SEALS		-	VOLTAGE		POWER		CONNECTOR	
		Brass	2	1/4" BSP	20	2W NC	1	Polyurethane	P		without coil	0	No coil	0	with	1
		Stainless Steel *	**3**	1/4" NPT	21	**2W NO through base ***	**2a**	**FKM [1]**	**V**		6 [2]	1	AC8W 50Hz	1	with LED	2
				1/2" BSP *	40			**EPDM [1]**	**E**		12	2	AC8W 60Hz	2	**flying leads coil ***	**4**
				1/2" NPT *	41			PTFE *	T		24	3	DC10W	3	with 1/2" Hub	5
				3/4" BSP	50						48	4			**surge protection with LED ***	**6**
				3/4" NPT	51						110	5			connector with moulded cable	7
				1" BSP *	60						120	6			other	9
				1" NPT *	**61**						220	7A				
											230	7				
											240	8				
											Latch/other * [3]	9				

*** SPECIAL OPTIONS |** Extended lead times, Non-stock items, MOQ may be applicable

Example : **GEM-HP-2201P-321**

GEM-SOL® HP32 (GEM-HP) High Pressure, Brass, 1/4" BSP, 2W NC, Polyurethane seals, 24VAC 8W 60Hz with connector.

(1) The orifice seal is PTFE
(2) DC only
(3) For specifying Latch type coil, please refer to A3P32 (GEM-BL)valve - How to Order table

* To order valves manufactured according to your specific requirements, please contact our technical sales department.